# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 30 Apr 2021 until 23:59 on Saturday 01 May 2021

Forecast Issued on Thursday 29 Apr 2021 at 15:20

**Confidence:** High for some sunny spells, in a rather cold prevailing theme of frosts and sharp wintry showers into the weekend. Medium for onset of transition to warmer, wetter and windier weather from Monday.

**Headline for Friday 30 Apr 2021:** Rather cold with sunny spells, but also some wintry showers, perhaps heavy and thundery for a time.

**Mountain weather hazards on Friday 30 Apr 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>Low Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>Medium Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Partly cloudy (night) | Cloudy | Light snow showers | Thundery showers | Hail showers | Cloudy | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 20% | 20% | 20% | 40% | 60% | 60% | 20% | 20% |

**Forecast for Friday 30 Apr 2021**

**Weather:** Mainly fine during the early hours, with clear spells allowing a frost in valleys, although cloud amounts should generally increase towards dawn. By day, some sunny spells should develop, however with time these are likely to spark off some showers. These may become locally heavy and prolonged later in the day given the light winds, falling as snow above around 500 metres in the heaviest, with hail and thunder also a possibility, mainly through the middle of the day. Showers should ease later, leaving a drier but on the whole cloudier late afternoon and evening, with temperatures quickly dipping.

**Chance of cloud free mountain/hill tops above 600m:** 70 percent, with early cloud over the highest tops soon lifting clear, ahead of more temporary but potentially hazardous interruptions in heavier snow showers later, with cloud potentially returning for periods.

**Visibility:** Generally very good, but note likely presence of heavy showers which will significantly reduce the prevailing visibility and lead to potentially hazardous navigation conditions over higher elevations.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Friday 30 Apr 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/8 N | 4/6 N | 4/9 NE | 9/13 NE | 9/15 NE | 10/16 NE | 11/16 NE | 9/13 NE | 6/10 NE |
| **300** | 5/10 N | 5/9 N | 4/9 N | 6/12 NE | 7/12 NE | 8/15 NE | 9/17 E | 5/11 NE | 4/10 NE |
| **Valley** | 3/6 NE | 2/7 NE | 2/5 NE | 6/11 NE | 6/12 N | 6/12 E | 7/13 NE | 5/11 E | 4/8 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -1/-3 | -1/-3 | -0/-3 | 2/-2 | 3/-0 | 3/-1 | 2/-2 | 1/-3 | -0/-3 |
| **300** | 1/-2 | 0/-3 | 2/-1 | 6/3 | 7/5 | 6/4 | 5/2 | 3/1 | 1/-1 |
| **Valley** | 0/-1 | -0/-2 | 2/1 | 7/5 | 8/6 | 8/6 | 7/5 | 4/2 | 2/0 |
| **Freezing Level*** | 500m | 400m | 400m | 500m | 700m | 700m | 700m | 700m | 700m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Although not especially windy, the presence of potentially prolonged and wintry showers will mean that chill is more of a factor. Note that these showers are more liable to form over exposed ground, potentially proving deceptive from more sheltered starting locations.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 29 Apr 2021 | 0.2mm | 1.2mm | 1.8mm |

**Forecast for Saturday 01 May 2021**

**Weather:** Chilly with clear spells and frost to start. A similar-feeling day to Friday, with surther sunny spells and increasingly sharp showers, perhaps slightly less liable to turn wintry and thundery, but the risk of both remains, as well as hail showers. Showers again fading into the evening to leave clear spells and sharply falling temperatures.

**Maximum wind:** 15mph northeasterly.

**Chance of cloud free mountain/hill tops above 600m:** Greater than 90 percent.

**Visibility:** Very good, although sharp drops again possible given heavy or wintry showers.

**Temperature:** **Valleys:** Minus 4 becoming plus 9 Celsius.
**At 600m:** Plus 2 Celsius.
**Freezing level:** Around 600 metres at first, rising clear of the highest ground through the morning.

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